

Lampiran 1 Rerata jumlah nyamuk *Aedes sp* pada masing-masing konsentrasi dan waktu pengamatan

Jam ke-1

Descriptive Statistics					
	N	Minimum	Maximum	Mean	Std. Deviation
Konsentrasi 30%	4	4	10	6.50	2.646
Konsentrasi 40%	4	13	20	15.75	2.986
Konsentrasi 50%	4	15	20	18.00	2.449
Kontrol Negatif	4	0	0	.00	.000
Kontrol Positif	4	17	23	20.50	2.646
Valid N (listwise)	4				

Jam Ke-2

Descriptive Statistics					
	N	Minimum	Maximum	Mean	Std. Deviation
Konsentrasi 30%	4	10	16	12.25	2.872
Konsentrasi 40%	4	15	22	19.75	3.304
Konsentrasi 50%	4	20	24	22.25	1.708
Kontrol Negatif	4	0	0	.00	.000
Kontrol Positif	4	24	25	24.75	.500
Valid N (listwise)	4				

Jam Ke-3

Descriptive Statistics					
	N	Minimum	Maximum	Mean	Std. Deviation
Konsentrasi 30%	4	15	18	16.25	1.500
Konsentrasi 40%	4	18	25	22.25	3.096
Konsentrasi 50%	4	25	25	25.00	.000
Kontrol Negatif	4	0	0	.00	.000
Kontrol Positif	4	25	25	25.00	.000
Valid N (listwise)	4				

Jam Ke-6

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
Konsentrasi 30%	4	20	25	23.25	2.363
Konsentrasi 40%	4	23	25	24.50	1.000
Konsentrasi 50%	4	25	25	25.00	.000
Kontrol Negatif	4	0	0	.00	.000
Kontrol Positif	4	25	25	25.00	.000
Valid N (listwise)	4				

Jam Ke-24

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
Konsentrasi 30%	4	25	25	25.00	.000
Konsentrasi 40%	4	25	25	25.00	.000
Konsentrasi 50%	4	25	25	25.00	.000
Kontrol Negatif	4	0	0	.00	.000
Kontrol Positif	4	25	25	25.00	.000
Valid N (listwise)	4				

Lampiran 2 Uji Normalitas dan Homogenitas Data

Lampiran 2.1 Uji Normalitas

One-Sample Kolmogorov-Smirnov Test

		Konsentrasi 30%	Konsentrasi 40%	Konsentrasi 50%	Kontrol Negatif	Kontrol Positif
N		20	20	20	20	20
Normal Parameters ^a	Mean	16.65	21.45	23.05	.00	24.05
	Std. Deviation	7.300	4.123	3.052	.000 ^c	2.114
Most Extreme	Absolute	.174	.205	.339		.423
Differences	Positive	.126	.195	.261		.327
	Negative	-.174	-.205	-.339		-.423
Kolmogorov-Smirnov Z		.777	.919	1.514		1.893
Asymp. Sig. (2-tailed)		.583	.368	.070		.052
a. Test distribution is Normal.						

c. The distribution has no variance for this variable. One-Sample Kolmogorov-Smirnov Test cannot be performed.

Lampiran 2.2 Uji Homogenitas

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
Konsentrasi 30%	3.284	4	15	.087
Konsentrasi 40%	2.417	4	15	.094
Konsentrasi 50%	11.500	4	15	.052
Kontrol Negatif	.	4	.	.
Kontrol Positif	8.711	4	15	.061

Lampiran 3. Hasil Uji ANOVA dan Pos Hoc Tukey

Lampiran 3.1 Hasil Uji Statistik One-Way ANOVA untuk Analisa Waktu Pengamatan pada Beberapa Konsentrasi Ekstrak Daun Sirih

ANOVA						
		Sum of Squares	df	Mean Square	F	Sig.
Konsentrasi 30%	Between Groups	943.300	4	235.825	51.081	.000
	Within Groups	69.250	15	4.617		
	Total	1012.550	19			
Konsentrasi 40%	Between Groups	231.700	4	57.925	9.522	.000
	Within Groups	91.250	15	6.083		
	Total	322.950	19			
Konsentrasi 50%	Between Groups	150.200	4	37.550	21.056	.000
	Within Groups	26.750	15	1.783		
	Total	176.950	19			
Kontrol Negatif	Between Groups	.000	4	.000	.	.
	Within Groups	.000	15	.000		
	Total	.000	19			
Kontrol Positif	Between Groups	63.200	4	15.800	10.897	.000
	Within Groups	21.750	15	1.450		
	Total	84.950	19			



Lampiran 3.2 Uji Post Hoc Tukey Untuk Analisa Waktu Pengamatan pada Beberapa Konsentrasi Ekstrak Daun Sirih

Multiple Comparisons

LSD

Dependent Variable	(I) Waktu	(J) Waktu	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Konsentrasi 30%	1	2	-5.750*	1.519	.002	-8.99	-2.51
		3	-9.750*	1.519	.000	-12.99	-6.51
		6	-16.750*	1.519	.000	-19.99	-13.51
		24	-18.500*	1.519	.000	-21.74	-15.26
	2	1	5.750*	1.519	.002	2.51	8.99
		3	-4.000*	1.519	.019	-7.24	-.76
		6	-11.000*	1.519	.000	-14.24	-7.76
		24	-12.750*	1.519	.000	-15.99	-9.51
	3	1	9.750*	1.519	.000	6.51	12.99
		2	4.000*	1.519	.019	.76	7.24
		6	-7.000*	1.519	.000	-10.24	-3.76
		24	-8.750*	1.519	.000	-11.99	-5.51
	6	1	16.750*	1.519	.000	13.51	19.99
		2	11.000*	1.519	.000	7.76	14.24
		3	7.000*	1.519	.000	3.76	10.24
		24	-1.750	1.519	.267	-4.99	1.49
	24	1	18.500*	1.519	.000	15.26	21.74
		2	12.750*	1.519	.000	9.51	15.99
		3	8.750*	1.519	.000	5.51	11.99
		6	1.750	1.519	.267	-1.49	4.99
Konsentrasi 40%	1	2	-4.000*	1.744	.037	-7.72	-.28
		3	-6.500*	1.744	.002	-10.22	-2.78
		6	-8.750*	1.744	.000	-12.47	-5.03
		24	-9.250*	1.744	.000	-12.97	-5.53
	2	1	4.000*	1.744	.037	.28	7.72
		3	-2.500	1.744	.172	-6.22	1.22
		6	-4.750*	1.744	.016	-8.47	-1.03
		24	-5.250*	1.744	.009	-8.97	-1.53
	3	1	6.500*	1.744	.002	2.78	10.22
		2	2.500	1.744	.172	-1.22	6.22
		6	-2.250	1.744	.217	-5.97	1.47
		24	-2.750	1.744	.136	-6.47	.97
	6	1	8.750*	1.744	.000	5.03	12.47
		2	4.750*	1.744	.016	1.03	8.47
		3	2.250	1.744	.217	-1.47	5.97
		24	-.500	1.744	.778	-4.22	3.22
	24	1	9.250*	1.744	.000	5.53	12.97
		2	5.250*	1.744	.009	1.53	8.97
		3	2.750	1.744	.136	-.97	6.47
		6	.500	1.744	.778	-3.22	4.22
Konsentrasi 50%	1	2	-4.250*	.944	.000	-6.26	-2.24

	3		-7.000*	.944	.000	-9.01	-4.99
	6		-7.000*	.944	.000	-9.01	-4.99
	24		-7.000*	.944	.000	-9.01	-4.99
2	1		4.250*	.944	.000	2.24	6.26
	3		-2.750*	.944	.011	-4.76	-.74
	6		-2.750*	.944	.011	-4.76	-.74
	24		-2.750*	.944	.011	-4.76	-.74
3	1		7.000*	.944	.000	4.99	9.01
	2		2.750*	.944	.011	.74	4.76
	6		.000	.944	1.000	-2.01	2.01
	24		.000	.944	1.000	-2.01	2.01
6	1		7.000*	.944	.000	4.99	9.01
	2		2.750*	.944	.011	.74	4.76
	3		.000	.944	1.000	-2.01	2.01
	24		.000	.944	1.000	-2.01	2.01
24	1		7.000*	.944	.000	4.99	9.01
	2		2.750*	.944	.011	.74	4.76
	3		.000	.944	1.000	-2.01	2.01
	6		.000	.944	1.000	-2.01	2.01
Kontrol Positif	1	2	-4.250*	.851	.000	-6.06	-2.44
		3	-4.500*	.851	.000	-6.31	-2.69
		6	-4.500*	.851	.000	-6.31	-2.69
		24	-4.500*	.851	.000	-6.31	-2.69
	2	1	4.250*	.851	.000	2.44	6.06
		3	-.250	.851	.773	-2.06	1.56
		6	-.250	.851	.773	-2.06	1.56
		24	-.250	.851	.773	-2.06	1.56
	3	1	4.500*	.851	.000	2.69	6.31
		2	.250	.851	.773	-1.56	2.06
		6	.000	.851	1.000	-1.81	1.81
		24	.000	.851	1.000	-1.81	1.81
	6	1	4.500*	.851	.000	2.69	6.31
		2	.250	.851	.773	-1.56	2.06
		3	.000	.851	1.000	-1.81	1.81
		24	.000	.851	1.000	-1.81	1.81
	24	1	4.500*	.851	.000	2.69	6.31
		2	.250	.851	.773	-1.56	2.06
		3	.000	.851	1.000	-1.81	1.81
		6	.000	.851	1.000	-1.81	1.81

*. The mean difference is significant at the 0.05 level.

**Lampiran 3.3 Hasil Uji Analisis *One-Way ANOVA* untuk Konsentrasi Ekstrak Daun
Sirih pada Beberapa Waktu Pengamatan**

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Jam Ke1	Between Groups	1551.200	4	387.800	88.471	.000
	Within Groups	65.750	15	4.383		
	Total	1616.950	19			
Jam Ke2	Between Groups	1616.300	4	404.075	91.489	.000
	Within Groups	66.250	15	4.417		
	Total	1682.550	19			
Jam Ke3	Between Groups	1770.700	4	442.675	187.046	.000
	Within Groups	35.500	15	2.367		
	Total	1806.200	19			
Jam Ke6	Between Groups	1919.200	4	479.800	364.405	.000
	Within Groups	19.750	15	1.317		
	Total	1938.950	19			
Jam Ke24	Between Groups	2000.000	4	500.000	.	.
	Within Groups	.000	15	.000		
	Total	2000.000	19			

Lampiran 3.4 Uji Post Hoc untuk Konsentrasi Ekstrak Daun Sirih pada Beberapa Waktu Pengamatan

Multiple Comparisons

LSD

Dependent Variable	(I) Konsent rasi	(J) Konsent rasi	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
Jam Ke1	0	30	-6.500*	1.480	.001	-9.66	-3.34
		40	-15.750*	1.480	.000	-18.91	-12.59
		50	-18.000*	1.480	.000	-21.16	-14.84
		100	-25.000*	1.480	.000	-28.16	-21.84
	30	0	6.500*	1.480	.001	3.34	9.66
		40	-9.250*	1.480	.000	-12.41	-6.09
		50	-11.500*	1.480	.000	-14.66	-8.34
		100	-18.500*	1.480	.000	-21.66	-15.34
	40	0	15.750*	1.480	.000	12.59	18.91
		30	9.250*	1.480	.000	6.09	12.41
		50	-2.250	1.480	.149	-5.41	.91
		100	-9.250*	1.480	.000	-12.41	-6.09
	50	0	18.000*	1.480	.000	14.84	21.16
		30	11.500*	1.480	.000	8.34	14.66
		40	2.250	1.480	.149	-.91	5.41
		100	-7.000*	1.480	.000	-10.16	-3.84
	100	0	25.000*	1.480	.000	21.84	28.16
		30	18.500*	1.480	.000	15.34	21.66
		40	9.250*	1.480	.000	6.09	12.41
		50	7.000*	1.480	.000	3.84	10.16
Jam Ke2	0	30	-12.250*	1.486	.000	-15.42	-9.08
		40	-19.750*	1.486	.000	-22.92	-16.58
		50	-22.250*	1.486	.000	-25.42	-19.08
		100	-25.000*	1.486	.000	-28.17	-21.83
	30	0	12.250*	1.486	.000	9.08	15.42
		40	-7.500*	1.486	.000	-10.67	-4.33
		50	-10.000*	1.486	.000	-13.17	-6.83
		100	-12.750*	1.486	.000	-15.92	-9.58
	40	0	19.750*	1.486	.000	16.58	22.92
		30	7.500*	1.486	.000	4.33	10.67
		50	-2.500	1.486	.113	-5.67	.67
		100	-5.250*	1.486	.003	-8.42	-2.08
	50	0	22.250*	1.486	.000	19.08	25.42
		30	10.000*	1.486	.000	6.83	13.17
		40	2.500	1.486	.113	-.67	5.67
		100	-2.750	1.486	.084	-5.92	.42
	100	0	25.000*	1.486	.000	21.83	28.17
		30	12.750*	1.486	.000	9.58	15.92
		40	5.250*	1.486	.003	2.08	8.42
		50	2.750	1.486	.084	-.42	5.92

Jam Ke3	0	30	-16.250*	1.088	.000	-18.57	-13.93
		40	-22.250*	1.088	.000	-24.57	-19.93
		50	-25.000*	1.088	.000	-27.32	-22.68
		100	-25.000*	1.088	.000	-27.32	-22.68
	30	0	16.250*	1.088	.000	13.93	18.57
		40	-6.000*	1.088	.000	-8.32	-3.68
		50	-8.750*	1.088	.000	-11.07	-6.43
		100	-8.750*	1.088	.000	-11.07	-6.43
	40	0	22.250*	1.088	.000	19.93	24.57
		30	6.000*	1.088	.000	3.68	8.32
		50	-2.750*	1.088	.023	-5.07	-.43
		100	-2.750*	1.088	.023	-5.07	-.43
	50	0	25.000*	1.088	.000	22.68	27.32
		30	8.750*	1.088	.000	6.43	11.07
		40	2.750*	1.088	.023	.43	5.07
		100	.000	1.088	1.000	-2.32	2.32
	100	0	25.000*	1.088	.000	22.68	27.32
		30	8.750*	1.088	.000	6.43	11.07
		40	2.750*	1.088	.023	.43	5.07
		50	.000	1.088	1.000	-2.32	2.32
Jam Ke6	0	30	-23.250*	.811	.000	-24.98	-21.52
		40	-24.500*	.811	.000	-26.23	-22.77
		50	-25.000*	.811	.000	-26.73	-23.27
		100	-25.000*	.811	.000	-26.73	-23.27
	30	0	23.250*	.811	.000	21.52	24.98
		40	-1.250	.811	.144	-2.98	.48
		50	-1.750*	.811	.048	-3.48	-.02
		100	-1.750*	.811	.048	-3.48	-.02
	40	0	24.500*	.811	.000	22.77	26.23
		30	1.250	.811	.144	-.48	2.98
		50	-.500	.811	.547	-2.23	1.23
		100	-.500	.811	.547	-2.23	1.23
	50	0	25.000*	.811	.000	23.27	26.73
		30	1.750*	.811	.048	.02	3.48
		40	.500	.811	.547	-1.23	2.23
		100	.000	.811	1.000	-1.73	1.73
	100	0	25.000*	.811	.000	23.27	26.73
		30	1.750*	.811	.048	.02	3.48
		40	.500	.811	.547	-1.23	2.23
		50	.000	.811	1.000	-1.73	1.73

*. The mean difference is significant at the 0.05 level.

Lampiran 4 Hasil Uji Korelasi Pearson

Correlations				
		Jumlah Nyamuk yang Mati	Konsentrasi Ekstrak Daun Sirih	Waktu Pengamatan
Jumlah_Nyamuk_Mati	Pearson Correlation	1	.458**	.510**
	Sig. (2-tailed)		.000	.000
	N	60	60	60
Konsentrasi	Pearson Correlation	.458**	1	.000
	Sig. (2-tailed)	.000		1.000
	N	60	60	60
Waktu_Pengamatan	Pearson Correlation	.510**	.000	1
	Sig. (2-tailed)	.000	1.000	
	N	60	60	60

** . Correlation is significant at the 0.01 level (2-tailed).



Lampiran 5. Hasil Uji Regresi Linier

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	Waktu Pengamatan, Konsentrasi ^a		. Enter

a. All requested variables entered.

b. Dependent Variable: Jumlah_Nyamuk_Mati

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.685 ^a	.470	.451	4.266

a. Predictors: (Constant), Waktu_Pengamatan, Konsentrasi

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	919.007	2	459.504	25.253	.000 ^a
	Residual	1037.176	57	18.196		
	Total	1956.183	59			

a. Predictors: (Constant), Waktu Pengamatan, Konsentrasi

b. Dependent Variable: Jumlah Nyamuk yang Mati

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	5.134	2.792		1.839	.071
	Konsentrasi	.320	.067	.458	4.745	.000
	Waktu Pengamatan	.340	.064	.510	5.291	.000

a. Dependent Variable: Jumlah Nyamuk yang Mati